

Focus Area 16: Maternal, Infant, and Child Health

Objective 16-1h targets the reduction in the infant death rates due to Sudden Infant Death Syndrome (SIDS) to 0.25 per 1,000 live births.

Based on data extracted from the Birth Cohort Perinatal Files, 172 California infants born in 2003 died from SIDS during their first year of life at a rate of 0.32 per 1,000 live births, compared with 219 SIDS deaths in 2000 at a rate of 0.41 per 1,000 live births (Figure 16-1h, Table 16-1h). California's SIDS death rate remained above the HP2010 target, and this objective has not yet been achieved.

Data by race-ethnicity of the mother show that African Americans/Blacks had the highest cohort infant death rates due to SIDS (0.75 per 1,000 live births in 2003), followed by Whites (0.46 per 1,000 live births in 2003). The HP2010 objective is being achieved only for Hispanics/Latinos (0.20 per 1,000 live births in 2003). SIDS death rates for American Indians/Alaska Natives, Asians, Native Hawaiians/Other Pacific Islanders, and the Multirace populations were unreliable due to the small numbers of events and are not reported here.

Examined by age of mother, the highest SIDS death rates occurred for mothers aged 15-19 years (0.59 per 1,000 live births in 2003), followed by those aged 20-24 (0.52 per 1,000 live births in 2003). As of 2003, the HP2010 objective was being achieved for mothers in the age groups 25-29, 30-34, and 35 years and over.

The SIDS death rate for male infants (0.38 per 1,000 live births in 2003) was higher than the rate for female infants (0.25 per 1,000 live births in 2003), and the HP2010 objective is being achieved for female infants but not male infants.

For more information on SIDS in California, visit the Maternal and Child Health Branch SIDS Program Web site at:

<http://www.mch.dhs.ca.gov/programs/sidsp/default.htm>

and the California SIDS Program Web site at:

<http://www.californiasids.com/Universal/MainPage.cfm?p=10>

For more information on Healthy People 2010 objective 16-1h, please visit:

http://www.healthypeople.gov/Document/HTML/Volume2/16MICH.htm#_Toc494699661

and

<http://www.healthypeople.gov/Document/html/tracking/od16.htm#fetaldeaths>

Figure 16-1h
Infant Death Rates Due to Sudden Infant Death Syndrome
By Race-Ethnicity and Age of Mother, Sex of Child
California, 2000-2003

Healthy People 2010 objective = 0.25

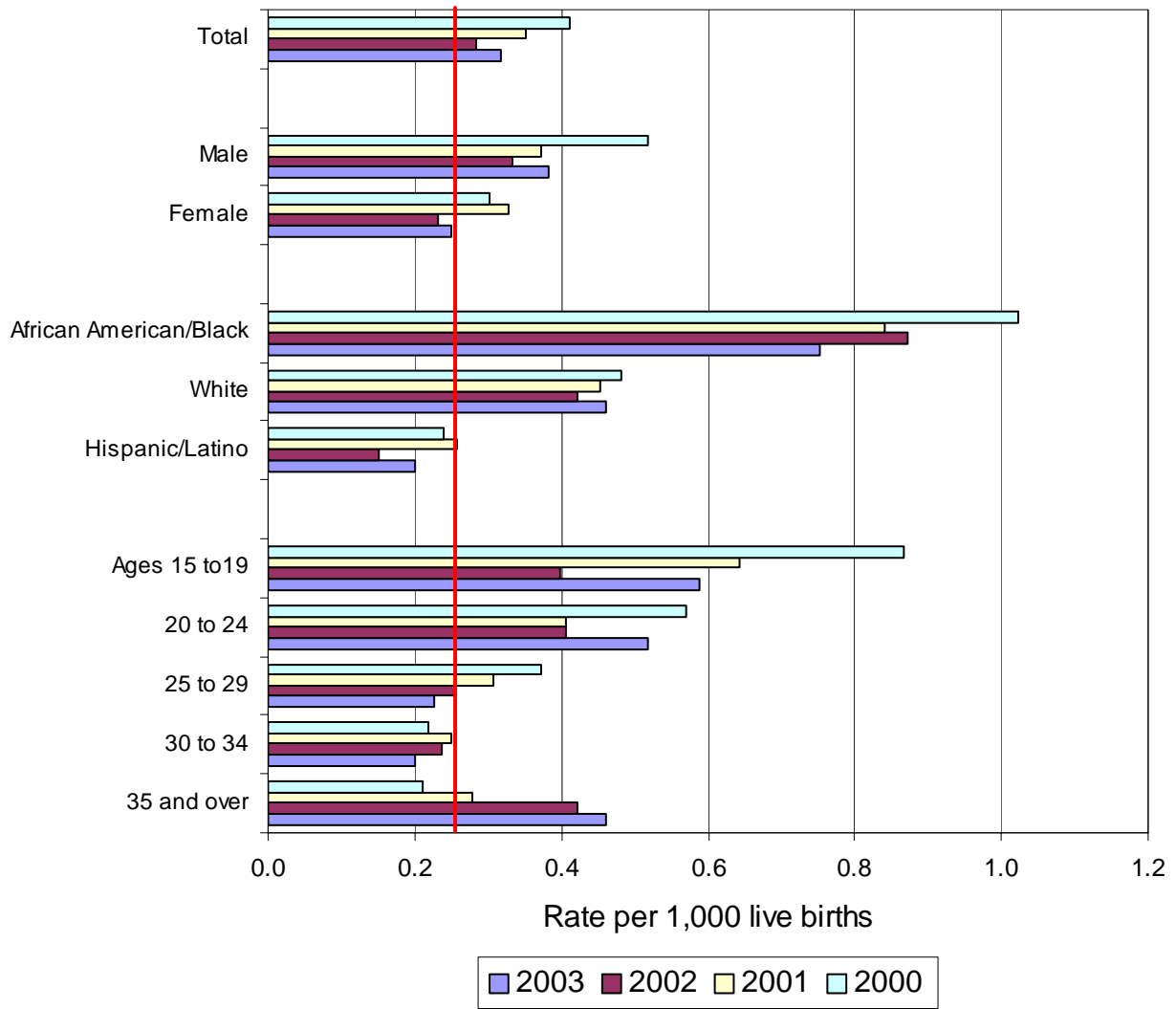


Table 16-1h: Infant Death Rates Due To Sudden Infant Death Syndrome (SIDS), California 2000-2003

HP2010 Objective 16-1h	2000					2001				
	Deaths	Births	Rate ¹	95% C.I.	Upper 95% C.I.	Deaths	Births	Rate ¹	95% C.I.	Upper 95% C.I.
Healthy People 2010 Target	0.25					0.25				
Statewide Total	219	531,313	0.41	0.36	0.47	185	527,452	0.35	0.30	0.40
Race-Ethnicity of Mother										
African American/Black	33	32,290	1.02	0.67	1.37	26	30,971	0.84	0.52	1.16
American Indian/Alaska Native	3	1,975	DSU	-----	-----	1	1,986	DSU	-----	-----
Asian	25	58,872	0.42	0.26	0.59	8	57,444	DSU	-----	-----
Hawaiian/Pacific Islander	3	2,376	DSU	-----	-----	2	2,356	DSU	-----	-----
Hispanic/Latino	62	257,963	0.24	0.18	0.30	67	261,022	0.26	0.20	0.32
White	81	168,219	0.48	0.38	0.59	74	163,787	0.45	0.35	0.55
Multirace	10	6,254	DSU	-----	-----	4	6,388	DSU	-----	-----
Other/Unknown	2	3,364	DSU	-----	-----	3	3,498	DSU	-----	-----
Maternal Age Group										
Under 15	2	895	DSU	-----	-----	2	810	DSU	-----	-----
15 - 19	48	55,375	0.87	0.62	1.11	34	52,972	0.64	0.43	0.86
20 - 24	70	122,581	0.57	0.44	0.70	50	123,231	0.41	0.29	0.52
25 - 29	52	139,604	0.37	0.27	0.47	42	136,448	0.31	0.21	0.40
30 - 34	28	127,509	0.22	0.14	0.30	32	127,951	0.25	0.16	0.34
35 and over	18	85,251	0.21	0.11	0.31	24	85,948	0.28	0.17	0.39
Sex of Child										
Female	78	259,218	0.30	0.23	0.37	85	258,171	0.33	0.26	0.40
Male	141	272,089	0.52	0.43	0.60	100	269,268	0.37	0.30	0.44

HP2010 Objective 16-1h	2002					2003				
	Deaths	Births	Rate ¹	95% C.I.	Upper 95% C.I.	Deaths	Births	Rate ¹	95% C.I.	Upper 95% C.I.
Healthy People 2010 Target	0.25					0.25				
Statewide Total	150	529,334	0.28	0.24	0.33	172	540,821	0.32	0.27	0.37
Race-Ethnicity of Mother										
African American/Black	26	29,809	0.87	0.54	1.21	22	29,197	0.75	0.44	1.07
American Indian/Alaska Native	0	1,966	0.00	-----	-----	3	2,004	DSU	-----	-----
Asian	8	59,376	DSU	-----	-----	7	61,511	DSU	-----	-----
Hawaiian/Pacific Islander	2	2,411	DSU	-----	-----	4	2,409	DSU	-----	-----
Hispanic/Latino	40	263,056	0.15	0.10	0.20	54	269,641	0.20	0.15	0.25
White	68	161,486	0.42	0.32	0.52	75	162,902	0.46	0.36	0.56
Multirace	4	6,812	DSU	-----	-----	3	7,110	DSU	-----	-----
Other/Unknown	2	4,418	DSU	-----	-----	4	6,047	DSU	-----	-----
Maternal Age Group										
Under 15	0	743	0.00	-----	-----	1	709	DSU	-----	-----
15 - 19	20	50,209	0.40	0.22	0.57	29	49,320	0.59	0.37	0.80
20 - 24	50	123,066	0.41	0.29	0.52	64	123,787	0.52	0.39	0.64
25 - 29	35	137,242	0.26	0.17	0.34	32	140,533	0.23	0.15	0.31
30 - 34	31	130,377	0.24	0.15	0.32	27	134,788	0.20	0.12	0.28
35 and over	11	87,611	DSU	-----	-----	17	91,555	0.19	-----	-----
Sex of Child										
Female	60	258,896	0.23	0.17	0.29	66	263,877	0.25	0.19	0.31
Male	90	270,429	0.33	0.26	0.40	106	276,932	0.38	0.31	0.46

SOURCE: California Department of Health Services, Birth Cohort Perinatal Files, 2000-2003.

NOTES: * Cohort files contain linked birth and death records for infants born in the same calendar year and followed-up for one year to determine as accurately as possible how many deaths occurred during the first year of life; deaths due to SIDS defined by ICD-10 code R95.

¹ Rate per 1,000 live births; by mother's place of residence.

DSU Data Statistically Unreliable due to small number of events.